

DMP 1/22/02

JSS

1/21/04

electrically pumped

Abstract

A system and a method for providing more gain while minimizing the potential for parasitic oscillation and amplified spontaneous emissions in an optical amplifier or laser system, utilizing a partitioned monolithic gain element. The monolithic gain element being partitioned into discontinuous amplifying gain regions such that parasitic modes and amplified spontaneous emissions are substantially obviated

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